

PE-RT pipe (5-layers)



What characterises pipes made of PE-RT?

Polyethylene of raised temperature resistance: Due to the unique molecular structure a crosslinking is not necessary to achieve a long term temperature stability. Coextrusion: all layers being produced simultaneously; therefore a homogeneous and very stable material bonding is created. Due to the 5 layer technology the oxygen barrier is protected from mechanical damage.

Technical properties

working temperature	70°C
max. temperature	95°C
max. operating pressure (ISO 10508) at 70°C	6 bar
standard colour inside	transparent
standard colour outside	transparent (10 x 1.3: red)
other colours	on request
pipe printing	customer-specific
packing	carton, foil or stretch wrapped

Application:

- underfloor heating
- wall heating
- underfloor cooling
- ceiling cooling

Standards:

- ISO 22391
- DIN 16833

Approvals:

- SKZ A 522
- Komo K77483

dimension	outer diameter (mm)	wall thickness (mm)	max. coil length (m)
*10 x 1.3	10 + 0.3	1.3 + 0.3	600
*12 x 2.0	12 + 0.3	2.0 + 0.3	600
14 x 2.0	14 + 0.3	2.0 + 0.3	600
16 x 2.0	16 + 0.3	2.0 + 0.3	600
17 x 2.0	17 + 0.3	2.0 + 0.3	600
18 x 2.0	18 + 0.3	2.0 + 0.3	600
20 x 2.0	20 + 0.3	2.0 + 0.3	500
*25 x 2.3	25 + 0.3	2.3 + 0.3	200

* not in Komo K77483

